



INFORMATION DISCLOSURE CITATION PTO-1449	Atty. Docket No. 031052	Serial No. 10/655,020
	Applicant(s): HIWATA, Akira, et al.	
	Filing Date: September 5, 2003	Group Art Unit: 3744

U.S. PATENT DOCUMENTS

Examine r Initial	Document No.	Name	Date	Class	Subcla ss	Filing Date (If appropriate)
FZ	AA 2001/0025509 A1	Fujii et al.	10/04/01	62	467	01/24/01
	AB					
	AC					
	AD					
	AE					

FOREIGN PATENT DOCUMENTS

Document No.	Date	Country	Translation (Yes or No)
FZ AF 1 046 869 A1	10/25/00	Europe	Yes
FZ AG 02/18848 A1	03/07/02	WO	Yes

OTHER DOCUMENTS

FZ	AK	Patent Abstracts of Japan 09250830, 09/22/97.
FZ	AL	Patent Abstracts of Japan 2000161805, 06/16/00.
FZ	AM	Patent Abstracts of Japan 2000234814, 08/29/00.
FZ	AN	Patent Abstracts of Japan 2001235246, 08/31/01.
FZ	AO	Patent Abstracts of Japan 2002022298, 01/23/02.
FZ	AP	European Search Report dated 02/06/04.
Examiner	Philip Zec	Date Considered 7/28/2005

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AE	0 837 291	04/22/1998	Europe	Yes
AF	0 672 877	09/20/1995	Europe	Yes
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AH	02/18848	03/07/2002	PCT	Yes
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AJ	61-96370	05/15/1986	Japan	No
AK	2002-022298	01/23/2002	Japan	Abstract
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AS	Copy of European Patent Office Communication including European Search Report for corresponding European Patent Application No. 03019272 dated May 14, 2004.
Examiner	Date Considered
<i>File Rec</i>	<i>7/28/2005</i>

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	BC					

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F2	BE 2003-172244 ✓	06/20/2003	Japan	Abstract
F2	BF 2003-139429 ✓	05/14/2003	Japan	Abstract
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OTHER DOCUMENTS

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Examiner	Philip Lee	Date Considered 7/28/2005

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	AH				
	AI				
	AJ				

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+	AL	
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